

Conjugation effect in ...

S/062/63/000/001/010/025  
B701/B186

reacted in analogy to comparable silicon compounds. With  $n = 1$ , chloromethyl-trimethyl silane was formed with  $\text{CH}_3\text{MgBr}$ ; the compound  $n = 2$  underwent  $\beta$ -degradation, ethylene was liberated, and tetramethyl germane was formed. The compound  $n = 3$  formed  $\gamma$ -chloro-propyl-trimethyl germane, yield 80%, b.p.  $161^\circ\text{C}/753$  mm Hg,  $n_D^{20}$  1.4520,  $d_4^{20}$  1.1172. The tendency of  $\beta$ -halogen alkyl trichloro germanes towards  $\beta$ -degradation made it possible to determine precisely the type of addition of  $\text{HGeCl}_3$  to 1-chloro-1-propene (III), 2-chloro-1-propene (IV), and 1,1-dichloro ethylene (V). III reacted with  $\text{HGeCl}_3$  to form  $\beta$ -chloro-isopropyl-trichloro germane, yield 39%, b.p.  $68-69^\circ\text{C}/7$  mm Hg,  $n_D^{20}$  1.5036,  $d_4^{20}$  1.6442; IV formed  $\beta$ -chloro-propyl-trichloro germane, yield 76%, b.p.  $98^\circ\text{C}/32$  mm Hg,  $n_D^{20}$  1.5007,  $d_4^{20}$  1.6418; and V formed  $\beta$ -dichloro-ethyl-trichloro germane. By contrast with  $\alpha$ - and  $\gamma$ -chloro-substituted homologs, all three compounds gave off all four chlorine atoms in titration with  $\text{NaOH}$  in 50% alcohol. Success attended also the synthesis of  $\beta$ - and  $\gamma$ -chloro-propyl-trichloro germane by chlorinating propyl-trichloro germane with  $\text{SO}_2\text{Cl}_2$  in the presence of

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B101/B186

Conjugation effect in ...

benzoyl peroxide.  $\text{Cl}_3\text{GeCH}_2\text{CH}_2\text{Cl}$  undergoes  $\beta$ -degradation by reaction with  $\text{AlCl}_3$  or quinoline. With piperidine or dimethyl aniline, however, dehydrochlorination occurs giving vinyl-trichloro germane, yield 49%, and 25%  $\text{GeCl}_4$ .  $\gamma$ -chloro-propyl-trichloro germane is also dehydrochlorinated by piperidine.  $\beta$ -propylene-trichloro germane and propyl-trichloro germane are formed besides 33%  $\text{GeCl}_4$ .  $\beta$ -degradation occurred with 1-trichloro-germyl-2-trichloro-silyl- $\beta$ -chloro ethane, 1-trichloro-silyl-2-trichloro-germyl- $\beta$ -chloro ethane,  $\beta$ -dichloro-ethyl-trichloro germane, and 1-trichloro-germyl-2-trichloro-silyl-1,2-dichloro ethane. Conclusion: The tendency to  $\beta$ -degradation of compounds of the types  $\text{Cl}_3\text{MCH}_2\text{CH}_2\text{Cl}$  and  $\text{Cl}_3\text{MCH=CHCl}$ ,  $\text{M} = \text{Si}$ ,  $\text{Ge}$ ,  $\text{Sn}$ ,  $\text{Pb}$ , increases in the order  $\text{Si} < \text{Ge} < \text{Sn} < \text{Pb}$ . The  $\sigma$ ,  $\sigma$  conjugation increases likewise. The principal causes of this conjugation are the intramolecular approach of the Si or Ge atom to the functional group in  $\beta$ -position, the presence of unoccupied 3d orbits in Si and Ge, and that of undivided electron pairs of the chlorine atom. There are 3 figures. The most important English-language reference is: L. H. Sommer, G. M. Goldberg.

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Conjugation effect in ...

S/062/63/000/001/010/025

B101/B186

E. Dorfman, F. C. Whitmore, J. Amer. Chem. Soc., 68, 1083 (1946).

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii  
nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelins-  
kiy of the Academy of Sciences USSR)

SUBMITTED: April 24, 1962

Card 4/4

KOMCHENKO, N.F.; OZHURINSKAYA, N.G.; LETONNYAKI, N.H.

Problem of the structure of the side chains of pine lignin.  
Trudy Kar. fil. AN SSSR no.38:31-38 '63.

(MIRA 18:3)

1. Institut lesa Karel'skogo filiala AN SSSR.

Supplementary evidence that oxidation-reduction processes take place in pine

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SUBMITTED: 26Nov62

ENCL: 00

SUB CODES: LS, GC

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920003-1"

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920003-1

SOURCE: AN SSSR, INSTITUT NEFTEKHIMICHESKOGO SINTEZA, SINTET I SVOYSTVA MONOMEROV  
(The synthesis and properties of monomers). Moscow. Izd-vo Nauka, 1964, 150-152

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920003-1"

DZHURINSKIY, B. F.

Category: USSR / Physical Chemistry  
Thermodynamics. Thermochemistry. Equilibrium. Physico-  
chemical analysis. Phase transitions.

B-8

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29949

Author : Lilich L. S., Dzhurinskiy B. F.

Inst : ~~not given~~ <sup>Samoylov State U.</sup>

Title : Solubility of Perchlorates of Elements of Second Group of the  
Periodic System

Orig Pub: Zh. obshch. khimii, 1956, 26, No 6, 1549-1554

Abstract: Determination of solubility of perchlorates of elements of the 2-nd group of the periodic system (except that of Ba), between 0 and 50° at 5° intervals. Solubility of the investigated salts (expressed in molarities) increases linearly with temperature; logarithm of molar fraction of aqueous hydrate is linearly dependent on inverse value of temperature. From the slope of logarithmic straight lines partial molecular enthalpies and entropies of phase transitions have been calculated. An attempt is made to correlate the phenomena under study with the periodic law.

Card : 1/1

-69-



SOKOLOV, V.A.; DZHURINSKIY, B.F.

Distinguishing calcite from dolomite by means of chromatic reaction.  
Trudy Kar. fil. AN SSSR no.11:297-298 '59.

(MIRA 13:2)

(Calcite) (Dolomite)

TANANAYEV, I.V., akademik; DZHURINSKIY, B.F.

Spectrophotometric study of chloride complexes of cobalt in fused salts. Dokl. AN SSSR 134 no.6:1374-1377 O '60. (MIRA 13:10)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova.  
(Cobalt compounds)

TANANAYEV, I.V., akademik; DZHIRINSKIY, B.F.

Interactions in the systems  $\text{Co}(\text{NO}_3)_2\text{-KBr}$ ,  $\text{Co}(\text{NO}_3)_2\text{-KI}$  in a nitrate  
melt. Dokl. AN SSSR 135 no.1:94-97 N°60. (MIRA 13:11)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova.  
(Cobalt nitrate) (Potassium bromide) (Potassium iodide)

TANANAYEV, I.V., akademik; DZURINSKIY, B.F.

Use of spectrophotometry in the study of the composition and structure of complex cobalt chlorides. Dokl. AN SSSR 139 no.1: 120-123 J1 '61. (MIRA 14:7)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova AN SSSR.

(Cobalt compounds)

DZHURINSKIY, B.F.; TANANAYEV, I.V., akademik

Spectrophotometric study of the composition and structure of bromide  
and iodide complexes of cobalt. Dokl. AN SSSR 140 no.2:374-376  
S '61. (MIRA 14:9)

(Cobalt compounds)

TANANAYEV, I.V.; DZHURINSKIY, B.F.; MIKHAYLOV, Yu.N.

Synthesis and properties of germanium compounds of the type  
 $MGeCl_3$  (M - NH<sub>4</sub>, Cs, Rb, K ). Zhur. neorg. khim. 9 no.7:  
1570-1577 J1 464. (MIRA 17:9)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.  
Kurnakova AN SSSR.

DZHURINSKIY, B.F.; Prinsipal uchaitye VAGNER, D.B.

State of  $\text{Co}^{2+}$  ions in potassium borate glasses. Izv. AN SSSR.  
Neorg. mat. 110.2:272-276 F '65.

Spectrophotometric study of halide complexes of cobalt in sodium  
borate glasses. Ibid.:277-280

(USPA 18:7)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova.

DZHURINSKIY, B.F.

Spectrophotometric study of the state of cobalt and chromium  
ions in sodium phosphate glasses. Izv. AN SSSR. Neorg. mat.  
1 no.3s434-441 Mr '65. (MIRA 18:6)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova  
AN SSSR.



L 13320-66 EWP(e)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JO/WH

ACC NR: AP6003373

SOURCE CODE: UR/0363/66/002/001/0165/0168

AUTHOR: Tananayev, I. V.; Belyakov, I. M.; Dzhurinskiy, B. P.; Berul', S. I.

52  
B

ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov,  
Academy of Sciences, SSSR (Institut obshchey i neorganicheskoy khimii  
Akademii nauk SSSR)

TITLE: Reactions of neodymium and cerium oxides with sodium borate  
melts 55 27 27

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2,  
no. 1, 1966, 165-168

TOPIC TAGS: rare earth, neodymium, oxide, cerium ~~oxide~~, borate, borate  
glass, neodymium glass, ~~neodymium borate~~, single crystal growing,  
*crystallization, single crystal*

ABSTRACT: Reactions in the liquid phase have been studied in the  
 $\text{Na}_2\text{O}-\text{B}_2\text{O}_3-\text{Nd}_2\text{O}_3$  and  $\text{Na}_2\text{O}-\text{B}_2\text{O}_3-\text{CeO}_2$  systems under isothermal and poly-  
thermal conditions to obtain data on solubility of the rare earths in  
sodium borate melts and crystallization of the rare earth element  
borates. These data are required for growing single crystals of rare  
earth element borates and for preparing glasses <sup>15, 16</sup> activated with rare-  
earth element ions. Solubility of  $\text{Nd}_2\text{O}_3$  and  $\text{CeO}_2$  was determined at

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UDC: 553.637

L 13320-66

ACC NR: AP6003373

900 and 1000C in the melts containing  $B_2O_3$  and  $Na_2O$  in a ratio of from 2:1 to 17:1. This region of compositions was selected as practically the most important from the viewpoint of glass formation. It was noted that the behavior of  $Nd_2O_3$  and  $CeO_2$  in these melts differed. The solubility of  $Nd_2O_3$  was significantly higher than that of  $CeO_2$  because of the formation of neodymium borates,  $NdBO_3$  and  $Nd(BO_2)_3$ , which crystallize in the 2—3.72 and 3.72—17  $B_2O_3/Na_2O$  range, respectively.  $CeO_2$  apparently does not form any compound and its solubility is only slightly dependent on the composition of melts. The great solubility of  $Nd_2O_3$  in the  $Na_2O-B_2O_3$  melts made it possible to grow  $NdBO_3$  acicular single crystals up to several millimeters in size. Such crystals were grown by slow cooling of the borax melt saturated with  $Nd_2O_3$  at 1000C. Liquidus curves of the  $Na_2B_4O_7-Nd_2O_3$  section and  $Na_2B_4O_7-CeO_2$  section of the phase diagrams were established for both systems studied. The liquidus branch of the  $Na_2B_4O_7-Nd_2O_3$  system in the 690—1000C range, and the branch of the  $Na_2B_4O_7-CeO_2$  system in the 740—1100C range corresponded to  $NdBO_3$  and  $CeO_2$  crystallization, both without any polymorphic conversion. Transition points on the liquidus curves at 910C for  $Na_2B_4O_7-Nd_2O_3$  and 930C for  $Na_2B_4O_7-CeO_2$  systems were attributed to some structural changes in the polymeric  $Na_2B_4O_7$  melt. [JK]

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L 13320-66

ACC NR: AP6003373

SUB CODE: 0730/SUBM DATE: 22Sep65/ ORIG REF: 004/ OTH REF: 010  
ATD PRESS: 4/58

Com 3/3 FW

ACC NR: AP6013350

SOURCE CODE: UR/0363/66/002/004/0693/0701

AUTHOR: Denisov, Yu. V.; Dzhurinskiy, B. F.; Kizel', V. A.

ORG: Moscow Physicotechnical Institute (Moskovskiy fiziko-tekhnicheskiy institut); Institute of General and Inorganic Chemistry Im. N. S. Kurnakov, Academy of Sciences SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)

TITLE: Structure of glasses of the  $\text{Na}_2\text{O}-\text{B}_2\text{O}_3$  system activated with rare earths. Europium.

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 4, 1966, 693-701

TOPIC TAGS: borate glass, europium compound, luminescence spectrum

ABSTRACT: The emission and absorption spectra of glasses of the  $\text{Na}_2\text{O}-\text{B}_2\text{O}_3-\text{Eu}_2\text{O}_3$  system (prepared from  $\text{Na}_2\text{CO}_3$ ,  $\text{H}_3\text{BO}_3$ , and  $\text{Eu}_2\text{O}_3$ ) were studied at room and liquid nitrogen temperatures using apparatus of high dispersion and sensitivity. The absorption spectra undergo little change with temperature. The form of the luminescence spectra depends on the frequency of the exciting light, not on the europium concentration. It is postulated that two types of luminescence centers of unlike coordination exist. The duration of luminescence was measured for certain lines. As the  $\text{Na}_2\text{O}$  content rises, the transfer of energy to the lattice increases. The strongest interactions between an  $\text{Eu}^{3+}$  ion and its surroundings take place at the highest and the lowest  $\text{Na}_2\text{O}$  content, at which the homogeneity of the field around the ion is greatest. The asymmetry of the field increases with the  $\text{Na}_2\text{O}$  content. The authors are sincerely grateful to S. L. Mandel'shtam for providing the facilities for the work, to M. D. Galanin for useful discussions.

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UDC 546.33+546.273

ACC NR: AP6013350

and to N. Kunavin for assistance in the measurements. Orig, art. has: 7 figures and 1 table.

SUB CODE: 07,11 / SUBM DATE: 18Dec65 / ORIG REF: 006 / OTH REF: 006

Card 2/2

DZHURINSKIY, G.I.; KOKSHARSKIY, N.S., otv. red.; GAL'CHINSKAYA,  
V.V., tekhn. red.

[Organization of long-distance telephone communication enterprises] Organizatsiia predpriatii mezhdugorodnoi telefonnoi sviazi; uchebno-metodicheskoe posobie dlia vypolneniia kursovoĭ raboty. Leningrad, Leningr. elektr. In-t sviazi, 1962. 71 p. (MIRA 16:10)

(Telephone)

KOSHARSKIY, Nikolay Sergeyevich; DZHURINSKIY, G.I., otv. red.;  
ANDREYENKO, Z.D., red.; TRISHINA, L.A., tekhn. red.

[Economics, organisation and planning of wire communication] Ekonomika, organizatsiia i planirovanie provodnoi svyazi. Moskva, Svyaz'izdat, 1963. 374 p. (MIRA 16:5)  
(Telecommunication)

DZHURINSKIY, N.; BALAKHNICHEVA, T., red.; MILYAN, N., tekhn. red.

[Tiraspol' wine makers in the struggle to raise production]  
Tiraspol'skie vinodely v bor'be za pod'em proizvodstva. Ki-  
shinev, Kartia moldoveniaske, 1962. 66 p. (MIRA 15:6)  
(Tiraspol'---Wine and wine making)



YELFIMOV, A.G., kand. ekon. nauk, dots.; DZHURINSKIY, N.; KABAK, A.,  
otv. za vypusk; MILYAN, N., tekhn. red.

[Specialization and cooperation in industry in the Moldavian  
S.S.R.] Spetsializatsiia i kooperirovanie v promyshlennosti  
Moldavskoi SSR. Pod red. A.G. Elfimova. Kishinev, Kartia mol-  
doveniaske, 1962. 164 p. (MIRA 16:3)  
(Moldavia—Industrial organization)

DZHURINSKIY, N.I. (Kishinev)

Efficiency promoters of Kishenev Factory No.1 have  
saved 520,000 rubles. Shvein.prom.no.3:38 My-Je '60.  
(MIRA 13:7)

(Kishenev--Clothing industry--Labor productivity)

DZHURINSKIY, N.I.

Make better utilization of the new production funds. Tekst.  
prom. 22 no.7:13-15 J1 '62. (MIRA 17:1)

1. Nachal'nik sektora ekonomicheskikh issledovaniy Proyektno-konstruktorskogo tekhnologicheskogo instituta Moldavskogo soveta narodnogo khozyaystva.

L 25801-66 EWT(1) SCTB DD

ACC NR: AP6015933

SOURCE CODE: UR/0239/65/051/003/0340/0349

AUTHOR: Ul'yaninskiy, L. S. -- Ulianinski, L. S.; Dzhuravaya, L. A. -- Djuraova, L. A. <sup>22</sup> B

ORG: Laboratory of Clinical Physiology, Institute of Normal and Pathological Physiology, AMN SSSR, Moscow (Laboratoriya klinicheskoy fiziologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR)

TITLE: Respiratory arrhythmia and respiratory atrioventricular block in hypercapnia and hypoxia <sup>2</sup>

SOURCE: Fiziologicheskii zhurnal SSSR, v. 51, no. 3, 1965, 340-349

TOPIC TAGS: hypoxia, biologic respiration, reflex activity, autonomic nervous system

ABSTRACT: It was established in experiments on dogs that hypercapnia produced by the inhalation of a gas mixture containing 10-15% CO<sub>2</sub> at a normal content of O<sub>2</sub> slowed down the rhythm of cardiac activity and strengthened vagus reflexes connected with respiration, i.e., respiratory arrhythmia and the respiratory atrioventricular block arising on electric stimulation of the sinoauricular ganglion. These changes in the cardiac activity were due essentially to an increase in the central tonus of the vagus nerves. In hypoxia produced by inhalation of a gas mixture containing 5-10% O<sub>2</sub> at a normal content of CO<sub>2</sub> the opposite effect was observed: the rhythm of cardiac activity was accelerated and

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UDC: 616.216+612.171

L 25801-66

ACC NRI AP6015933

the vagus reflexes connected with respiration were weakened or suppressed entirely. This was due to a decrease in the central tonus of the vagus nerves and to an excitation of the sympathetic nervous system. /Orig. art. has: 4 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 02Feb63 / ORIG REF: 009 / OTH REF: 010

Card 2/2 CC

DZHURINSKIY, N.I.

Reduce labor expenditure in auxiliary operations. Tekst.prom. no.2:28-30  
F '63. (MIRA 16:4)

1. Nachal'nik sektora proizvoditel'nosti tsveta Proyektno-konstruktorskogo tekhnologicheskogo instituta (PKTI) Moldavskogo soveta Narodnogo khozyaystva.  
(Moldavia-Textile industry)

DZHURINSKIY, N.I. (Kishinev)

Make better use of capital assets. Shvein.prom. no.5:5-7 S-0  
'63. (MIRA 16:12)

DZHURINSKIY, N.I.

Potentials for increasing labor productivity in auxiliary operations. Koms. i ev. prom. no.7:36-40 JI '63. (MIRA 16:9)

1. Proyektno-konstrukterskiy tekhnologicheskii institut soveta narodnogo khozyaystva Moldavskoy SSR.



DZHURINSKIY, N.I.

Ways of reducing the labor requirements for auxiliary operations.  
Kosh.-obuv.prom. 5 no.3:11-14 Mr '63. (MIRA 16:3)  
(Moldavia--Shoe industry)

DZHURINSKIY, N.I. (Kishinev)

Improve the organization of clothing manufacture. Shvein. prom.  
no.2:32-34 Mr.-Ap '63. (MIRA 16:8)

(Clothing industry—Management)

DZHURKASHEV, T.N.

Uzunaral Strait and some problems of the history of Lake Balkhash.  
Izv. AN Kazakh. SSR. Ser. geol. 21 no.4:40-47 J1-Ag '64. (MERA 17:11)

1. Institut geologicheskikh nauk AN KazSSR imeni Satpayeva, Alma-Ata.

DZHURKOV, D.

Hay containing vitamins. p.25. KOOPERATIVNO ZEMEDELIE.  
(Ministerstvo no zemedelieta) Sofia. Vol. 11, no. 6,  
June 1956

SOURCE: East European Accessions List, (EEAL), Library of  
Congress, Vol. 5, no. 12, December 1956

BULGARIA/Farm Animals - Horses

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69257

Author : Popov, V., Dzhurkov, D., Yarov, I., Delov, B.

Inst : -

Title : Effects of Various Feed Rations upon the Growth and  
Development of Foals of the Danubian Breed after Weaning

Orig Pub : Selskostop. mis"l., 1957, 2, No 8, 483-488

Abstract : No abstract.

Card 1/1

DZHURKOV, D.

Investigating the preservation of pro-vitamin A, carotin, in certain silages. p. 107.

IZVESTIIA. Sofia, Bulgaria, Vol. 10, 1959.

Monthly List of East European Accessions (EEAI), IC, Vol. 9, No. 2,  
February, 1960. Uncl.

DZHUROV, D

- [illegible]

DZHURMINA, I.Ye.

Inheritance of the length of fiber in fine-fiber cotton hybrids.  
Izv. AN Turk. SSR. Ser. biol. nauk no.3:79-81 '65.

(MIRA 18:9)

1. Turkmenskiy nauchno-issledovatel'skiy institut zemledeliya.



DZHURO, T.G.

Work in brucellosis control in Voronezh Province. Zhur.mikrobiol.  
epid. i immun. 29 no.7:98-103 J1 '58 (MIRA 11:8)

1. Is Voronezhskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.  
(BRUCELLOSIS, prev. & control.  
in Russia (Rus))

DZHUROMSKIY, L.M. [Dzuroms'kyi, L.M.]

Splendid work of the communist labor brigade. Mekh. sil'.  
hosp. 11 no.10:3-4 0 '60. (MIRA 13:9)

1. Sekretar' partorganizatsii kolxosa "Shlyakhom Lenina,"  
Yampol'skogo rayona, Vinnitskoy oblasti.  
(Yampol' District (Vinnitsa Province)--Farm mechanization)

DZHUROV, Dimitur, inzh.

Some problems of standardization in the shoe and leather industries.  
Ratsionalizatsiia 14 no.7:28-29 '64

1. Institut of Standardization, Measures, and Measuring Instruments.

*DZHUROV, G.*

DZHUROV, G.; PELKIN, Sp.

Early results of the treatment of chronic disseminated tuberculosis of the lung with tubigal; preliminary communication. Suvrem.med., Sofia 6 no.8:19-25 1955.

1. Iz Nauchno-issledovatel'skii institut po tuberkuloza - Sofia.  
(direktor: dots. St.Todorov)

(THIOSEMICARBAZONES, therapeutic use,  
tubigal in pulm.tuberc.)

(TUBERCULOSIS, PULMONARY, therapy,  
thiosemicarbazone tubigal)

DZHUROV, G.

Two possible errors in diagnosis of cystic degeneration of the lung. Suvrem. med., Sofia 7 no.1:92-96 1956.

1. Iz nauchnoissledovatel'skii institut po tuberkuloza (Direk.: dots. St. Todorov).  
(LUNGS, diseases,  
cystic degen., diag. errors. (Bul))

DZHUROV, G.

Case of primary pulmonary carcinoma with bilateral carcinomatous lymphangitis erroneously diagnosed as chronic disseminated pulmonary tuberculosis. Suvrem. med., Sofia 7 no. 1:97-100 1956.

1. Iz nauchnoizsledovatel'skija institut po tuberkuloza.  
(Direktor: dots. St. Todorov).

(TUBERCULOSIS, PULMONARY, differential diagnosis,  
cancer. (Bul))

(LUNGS, neoplasms,  
differe. diag. from tuberc. (Bul))

DZHUROV, G.

Diagnosis of gummatous syphilis of lungs with reference to one case.  
Suvrem. med., Sofia 7 no.12:38-46 1956.

1. Iz Nauchnoissledovatel'skii institut po tuberkuloza  
(Direktor: dots. St. Todorov).

(SYPHILIS, diag.

Bul., gummatous (Bul))

(LUNGS DISEASES, diagnosis

syphilis, gummatous (Bul))

DZHUROV, G.

An exceptionally rare case of interlobar pleurisy with unusual roentgenological and clinical picture in adult. Suvrem. med., Sofia 9 no.7: 103-106 1958.

1. Iz Nauchnoissledovatel'skiiia institut po tuberkuloza (Direktor: T. Sharkov).

(PLEURISY, case reports,  
unusual case, clin. & x-ray aspects (Bul))



DZHUROV, G.

Clinical results of administration of the Bulgarian antitubercular agent no. 17. Suvrem med., Sofia no.1:51-61 '61.

1. Nauchno-issledovatel'ski institut po tuberkuloza. (Direktor: G. Sharkov.)

(ISONIAZID rel cpds)

DZHUROV, G.

Effect of a Bulgarian antituberculosis drug No. 17 (INHA-17) on functions of some organs and system in patients with pulmonary tuberculosis. Suvrem med., Sofia no.4/5:27-34 '61.

1. Iz Nauchnoissledovatel'skii institut po tuberkuloza, Sofiya.  
(Direktor: prof. St. Todorov).

(ISONIAZID rel opds)

DZHUROV, G.

Antitubercular isonicotinoyl hydrazones. Suvrem med., Sofia no.2:  
154-162 '61.

(ISONIAZID rel. cpda)

DZHUROV, K., inzh.; KHADZHIKRUSTEV, I.

The Progress radio receiver. Radio i televizia 11 no.11:329-330 '62.

DZHUROVA, Iord

National conference on cattle vibriosis. Selskostop nauka 2 no.9:  
1180-1181 '64.

36800

S/137/62/000/004/082/201  
A052/A101

18.8100

AUTHORS: Nadzhakov, G., Balabanov, St., Dzhurova, V.

TITLE: The effect of gas discharge on the contact potential of metal surfaces

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 8, abstract 4151  
("Dokl. Bolg. AN", 13, no. 6, 1960, 673 - 676, English summary)

TEXT: The effect of gas discharge on the contact potential  $U_c$  of Au, In and Ga was investigated. The samples were produced by evaporating these substances on a brass sublayer, and after several days' air exposure they were placed in the gas discharge tube. After the termination of gas discharge, taking place at 10 mm mercury column, the difference  $\Delta U_c$  between the investigated sample and the reference Au-electrode was measured. A noticeable effect of gas discharge on  $\Delta U_c$  was found, as well as a considerable asymmetry in the change of  $\Delta U_c$  depending on the sign of voltage applied to the sample. On the basis of the results a conclusion is drawn that at a discharge a predominant adsorption of

Card 1/2 .

S/137/62/000/004/082/201  
A052/A101

The effect of gas discharge on...

negative ions takes place, which is also found in experiments without a constant voltage.

I. Dykman

[Abstracter's note: Complete translation]

Card 2/2

24.7000

42255

B/503/61/009/001/004/007  
B125/B102

AUTHORS: Nadzhakov, G., Academician, Balabanov, St., and Dzhurova, V.

TITLE: The effect of gas discharge on the contact potential of a metal surface

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut.  
Izvestiya na Fizicheskiya institut s ANEB. v. 9, no. 1,  
1961. 69-79

TEXT: The variations in contact potential of metal surfaces (Au, Al, In, Ga) are studied by the modified Zisman method of measuring the contact potential difference near a gas discharge. The gas (10 mm Hg) was ionized by means of a Tesla transformer, making it possible to study the adsorption effects when several volts of direct current are applied. The contact potential of the surfaces under examination in the first series of experiments changed by more than 300 mv within 10 sec. The sample was earthed near the discharge of gas. This completely reversible process seems to be caused by ion sorption. In the second series of experiments a constant voltage of  $\pm 4$  v (with respect to the earthed part) was applied. The contact potential in this case can change by 2000 mv. The contact  
Card 1/2



The effect of gas discharge on...

B/503/61/009/001/004/007  
B125/B102

potential of the indium samples changes seven times as much when negative ions are adsorbed than when positive ions are adsorbed. The electro-adsorption of positive and negative ions is best in gallium samples. The change in contact potential decreases with time:  $|\Delta U_c| = \Delta U_{c0} (1 + at)^{-n}$  where  $\Delta U_{c0}$  is the initial value of this change. Here  $n$  depends neither on the time of electro-adsorption nor on the charge of the ions, but the parameter  $a$  depends on both. The changes in contact potential are greater by 30-50% when the metals studied here are fused to a polished brass backing than when they are fused to one another. There are 6 figures and 1 table.

ASSOCIATION: Fizicheski institut s ANEB pri BAN (Physics Institute of the ANEB at the BAN)

SUBMITTED: October 12, 1960

Card 2/2

V YU DZHURUK, VN LEBEDEV and N V CHVANKINA

"Development of a Procedure for Evaluating the Pulse Properties of Promising Receiver-Amplifier Tubes; Investigation of these Properties and Production of Scientifically Based Norms for Inclusion into Technical Specifications and Handbooks" from Annotations of Works Completed in 1955 at the State Union Sci. Res. Inst. Min. of Radio Engineering Ind.

So<sup>2</sup> B-3,070,964

*DZHKUS, B.V.*

DZHKUS, B.V., inzhener.

Utilizing clinker heat for drying slag. TSement 20 no. 4:29  
Jl-Ag '54. (MLRA 7:9)

1. Zdobunovskiy tsementnyy zavod.  
(Slag cement)

3(2)

PHASE I BOOK EXPLOITATION

SOV/1331

Dzhus', Stepan Ivanovich

Nekotoryye voprosy kartograficheskogo izobrazheniya rel'yefa  
(Some Problems in the Cartographic Representation of Relief)  
Moscow, Geodezizdat, 1958. 94 p. 2,000 copies printed.

Ed. of Publishing House: Shamarova, T.A.; Tech. Ed.: Romanova, V.V.

PURPOSE: This booklet is a useful tool for instructing compilers in the basic principles of relief representation and generalization utilizing contours. It could also aid map designers in selecting the proper contour interval depending upon the map scale and character of the relief.

COVERAGE: This study exclusively concerns relief representation by the method of contours. It goes into detail on the problems of selecting a proper contour interval to suit the relief conditions and scale of the map. Methods of generalizing relief portrayal in order to get the proper cartographic picture without

Card 1/3

Some Problems in the Cartographic (Cont.)

SOV/1331

unnecessary clutter are well explained and illustrated. In line with this there is an explanation of the treatment of valley and ravine types of relief. A short history of the development of the use of contours is included, especially insofar as it concerns Russian maps. The author thanks V.I. Sukhov, V.N. Chentsov, A.K. Besstrashnyy and L.S. Garayevskaya for their help in preparing the manuscript. There are 112 Soviet references.

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Some Problems in the Cartographic (Cont.)

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AVAILABLE: Library of Congress	
Card 3/3	MM/atr 4-7-59

ACC NR: AP6034010 (N) SOURCE CODE: UR/0213/66/006/005/0877/0881

AUTHOR: Burnashov, V. Kh.; Dzhus, V. Ye.; Kunets, T. A.; Labeysh, V. G.; Mayyer, A. V.; Merlin, V. M.

ORG: none

TITLE: Visual observations of the thermocline in the sea

SOURCE: Okeanologiya, v. 6, no. 5, 1966, 877-881

TOPIC TAGS: thermocline, <sup>Ocean current</sup> ~~underwater~~ photography, underwater photography

ABSTRACT: The article analyzes the possibility of studying the nature of the thermocline using direct observations and with the aid of under-sea photography. The flow is fixed by the path of dye-stuff which is formed by a releasing a weight colored with fluorescein. This method, successfully applied during a number of cruises in 1964—1965, helped the authors discover the effect of "wedging out of the rate of flow in the thermocline," i.e., the change in the position of the dye-stuff in the flow has shown that the rate of flow decreased near the thermocline, reaching a minimum in the thermocline, and then gradually increased below the thermocline,. Flow directions above and below the thermocline coincide (visual observations show a discrepancy of not more than 20°). The dyeing of waters in the flow and photographic observations of its

Card 1/2

ACC NR: AP6034010

change in space present a more accurate picture of the distribution of the rate of flow compared to other methods. Such accuracy is especially necessary in studies of hydrophysical processes taking place in the thermocline and at its boundary. Orig. art. has: 3 figures.

SUB CODE: 08/4/SUBM DATE: 23Apr66/ OTH REF: 001

Card 2/2



L 45376-66 FSS-2/EWT(1)/T IJP(c) JGS/GD/GW  
ACC NR: AT6024962 (N)

SOURCE CODE: UR/0000/65/000/000/0120/0127

AUTHOR: Dzhus, V. Ye.; Mayer, A. V.

ORG: none

38  
B+1

TITLE: Underwater photography in murky water

SOURCE: AN SSSR, Okeanograficheskaya komissiya, Sektsiya podvodnykh issledovaniy.  
Razvitiye morskikh podvodnykh issledovaniy (Development of underwater marine research)  
Moscow, Izd-vo Nauka, 1965, 120-127

TOPIC TAGS: underwater photography, water, optic property

ABSTRACT: A number of difficulties arise in underwater photography owing to the low transparency of water. The particles suspended in water retard and scatter the luminous flux which leads to an appreciable decrease in the contrast of the object being photographed. Therefore, to obtain a clear photograph underwater it is necessary to take the photograph as close as possible to the object. It is in this connection that the investigation was carried out. The use of an attachment called a pure-water container, or artificial visibility attachment, can be used to appreciably improve the quality of the image in underwater photography of flat surfaces in a body of water with a transparency less than 1 m. The idea behind this is that the murky water

Card 1/2

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ACC NR: AT6024962

between the object and the camera is substituted by a container filled with distilled water. In this case an appreciable scattering of light occurs only in the layer of murky water between the lower glass base of the container and the object. However when working with a water container it is difficult to store and transport the distilled water, therefore a container was developed which is filled not with water but with air at an appropriate pressure. The air container is a truncated pyramid, the lower base of which is covered with a plane-parallel mirror glass and in the upper part is installed the camera and electrical circuit for the flashlamp. Three sizes of air containers are recommended: a large container measuring 90 x 60 cm weighing, with the lead weights, 250kg and the air is supplied from the surface through a hose; a medium container measuring 60 x 40 cm, weighing, with the weights, 60 kg which is supplied with air from a 2-liter cylinder installed on the container; and a small air container measuring 45 x 30 cm weighing 20 kg. The use of even the small air container in daily practice of rescue and in hydraulic engineering services of hydroelectric power stations permits obtaining objective information on the state of underwater objects. It is also possible to use the containers for studying the processes of fouling of ships and for photographing the bottom for geological purposes. Orig. art. has: 5 figures.

SUB CODE: 14,2008/SUBM DATE: 06Dec65

Card 2/2 *alum*

2/3

DZHUSUPBEKOV, S.D., red.; SNEGIN, D.F., red.; BARIKOV, G.A., red.;  
GORYACHEVA, A.A., red.; RUSAKOV, I.V., red.; BORSUK, F.,  
red.; TURABAYEV, B., tekhn.red.

[Alma-Ata, capital of the Kazakh S.S.R.] Alma-Ata - stolitsa  
Kazakhskoi SSR. Alma-Ata, Kazakhskoe gos.izd-vo, 1960. 304 p.  
(MIRA 14:3)

(Alma-Ata)

DZHUVAGO, V.P.; MAKHORIN, K.Ye.

Improving factory gas producers. Stek. 1 ker. 10 no.6:16-18 Jo '53.  
(MLRA 6:5)  
(Gas generators)

DZHUVAQO, V.P., kandidat tekhnicheskikh nauk; SIGAL, I.Ya., inzhener.

Experience in converting heating furnaces to gas in Kiev.

Gor.khoz.Mosk. 28 no.2:31-33 P '54.

(MLRA 7:5)

(Kiev--Gas--Heating and cooking) (Heating and cooking--Gas--Kiev)

GRIN', Leonid Petrovich; ~~DZHIYAGO, V.P.~~ kandidat tekhnicheskikh nauk, retsenzent; KONDAK, M.M., kandidat tekhnicheskikh nauk, redaktor; SERDYUK, V.K., inzhener, redaktor izdatel'stva; RUDENSKIY, Ya.V., tekhnicheskiiy redaktor

[Gas generators for power in agriculture] Silovye gazogeneratorye ustanovki dlia sel'skogo khoziaistva. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p. (MLRA 9:12)  
(Gas producers)

*Dzhuvago, V.P.*

TISHCHENKO, A.T., kand.tekhn.nauk; DZHUVAGO, V.P., kand.tekhn.nauk

Air cooling of gas in stationary gas engine installations.

Energomashinostroenie 4 no.2:12-13 p. 58.

(MIRA 11:4)

(Gases--Cooling)

(Electric power plants--Equipment and supplies)



DZHUVAGO, V.P.

Heating of vegetable greenhouses with natural gas. Trudy Inst.  
isp.gaza AN URSR no.6:16-18 '58. (MIRA 12:8)  
(Greenhouses--Heating and ventilation) (Gas, Natural)

DZHUVOGO, V.P.; ZIMENKO, P.M.

Conversion of home brick ranges from solid fuel to gas. Trudy  
Inst.isp.gaza AN URSS no.6:112-115 '58. (MIRA 12:8)  
(Stoves)

"APPROVED FOR RELEASE: 03/13/2001

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DZHUVARLY, C. M.

Electrical Engineering Abst.  
Vol. 57 No. 675  
Mar. 1954  
Electrical Engineering

621.315.09 : 621.3.015.3

15. Theory of surges set up by arcs to earth in a system with insulated neutral. C. M. DZHUVARLY. *Elektrichestvo*, 1953, No. 6, 18-21. In Russian.

Overhead and cable systems were investigated under conditions of intermittent arcing to earth, mostly on models. The intermittent arc is extinguished near the current-zero of the free oscillation, if conditions of de-ionization warrant this, or else when oscillations of the first kind change to those of the second. The damping factors of the arc current could be experimentally determined for various conditions. According to the oscillograms taken, the voltage in the neutral cannot exceed 1.0 V. If the arc is quenched near the current-zero of the oscillation, this yielding 2.8 as overvoltage factor of the sound phase, if the damping factors are considered. The same result was obtained experimentally. Even more favourable are the cases of extinction at the change of the mode of oscillation or at the operating-frequency current-zero, since the voltage of the neutral cannot then exceed phase-voltage. If the ignition phase angle is 20° or 160°, the maximum overvoltage factor of the sound phase, namely, 3.1, occurs, as confirmed by experiments. However, the model conditions are severer than those on actual lines.

S. F. ARAL'S

DZHUVARLY, Ch.M.; VECHKHAYZER, G.V.

Measuring the angle of dielectric losses of static condensers. Energ. biul.  
no. 6:26-22 Je '53. (MLRA '56)  
(Condensers (Electricity))

VECHKHAYZER, G.V., kandidat tekhnicheskikh nauk; DZHUVARLY, Ch.M., doktor tekhnicheskikh nauk.

Parallel connection of two condenser batteries. Elek.sta. 24 no.7:42-43  
Jl '53. (MLBA 6:7)

(Condensers (Electricity))



"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920003-1

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**"APPROVED FOR RELEASE: 03/13/2001**

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**APPROVED FOR RELEASE: 03/13/2001**

**CIA-RDP86-00513R000411920003-1"**

DZHUVARLY, Ch, M. and DZHAFAROVA, M. M.

"Test of Insulation of a Long Transmission Line at 200 kV".  
Tr. Energ. in-ta AN Az SSR, 12, pp 46-58, 1954

Tentative tests of the line LEP-220 kV were carried out in a chamber of 2.7 cu m in atmospheric conditions of temperature and pressure and with deliberate soiling of insulators. The ratio of conductivity to discharge potential was illustrated graphically. The lowest discharge potential occurs at 6% of kitchen salt in dust. The obtained data allowed the determination of the number of insulators required by the line in various circumstances of climate. (RZhFiz, No 10, 1955)

SO: Sum No 812, 6 Feb 1956

DZHUVARLY, Ch. M.

DZHUVARLY, Ch. M.; VECHKHAYZER, G. V.

Volt-second characteristics of dirty insulators. Dokl. AN  
Azerb. SSR 10 no. 6:391-400 '54. (MIRA 8:10)

1. Energeticheskiy institut Akademii nauk Azerbaydzhanskoy SSR.  
Predstavleno deystv. chlenom AN Azerbaydzhanskoy SSR I. G. Yes'-  
manom

(Electric lines)

DZHUVARLY, Ch.M.

On overvoltage occurring the union of different phases in two systems of bars in a circuit having an insulated neutral conductor. Dokl. AN Azerb. SSR 10 no.8:537-541 '54.

(MIRA 8:10)

1. Institut energetiki Akademii nauk Azerbaydzhanskoy SSR. Predstavleno deystvitel'nyy chlenom Akademii nauk Azerbaydzhanskoy SSR I.G.Yes'manov

(Electric circuits)

DZHUVARLY, Ch.M.; KLIMOVA, N.V.

Study of the behavior of petroleum emulsions in electric fields.

Uch. zap. AGU no.7:9-23 '55.

(MLRA 9:12)

(Petroleum) (Emulsions)

*Dehydration of petroleum*

AID P - 2864

Subject : USSR/Petroleum-Electricity

Card 1/2 Pub. 28 - 4/7

Authors : Dzhubarly, Ch. M. and N. V. Klimova

Title : ~~Dehydration of petroleum by using surges generated by a tentative modernized oscillator.~~  
Dehydration of petroleum by using surges generated by a tentative modernized oscillator.

Periodical : Energ. byul. 9, 15-21, S 1955

Abstract : The authors present a comprehensive table with their observations on petroleum de-emulsification by means of spark-gap oscillators. They describe the installation, the three different layouts, and the approach and results obtained from many experiments. They recommend the de-emulsification of petroleum by their method of electrical pulses for adaptation by the petroleum industry.

AID P - 2864

Energ. byul. 9, 15-21, S 1955

Card 2/2 Pub. 28 - 4/7

Institutions: Power Institute, Academy of Sciences. Azerbaydzhanskaya  
SSR, and the Azerbaydzhani Scientific Research Institute.

Submitted : No date



SOV/112-57-9-18631

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 77 (USSR)

AUTHOR: Dzhuvarly, Ch. M., Mukharskaya, L. A.

TITLE: Investigation of Causes of Higher Dielectric Losses in Commercial Transformer Oils (Issledovaniye prichin povyshennykh dielektricheskikh poter' tovarnykh transformatornykh masel)

PERIODICAL: Uch. zap. Azerb. un-t, 1956, Nr 9, pp 3-14

ABSTRACT: During recent years, the quality of transformer oil has deteriorated considerably: according to MTZ, the value of  $\text{tg}\delta$  has increased from 0.2% (1949) to 1.3% (1954). The authors report causes of the  $\text{tg}\delta$  increase investigated by them, and recommend ways to improve the oil electric characteristics. Washing oil twice with pure water results in a  $\text{tg}\delta$  reduction down to 0.07-0.15%. The water-purified oil is more stable and less hygroscopic;  $\text{tg}\delta$  of nonwashed oil kept in an open vessel increases 1.5 times over the first 24 hours. An absorption method of purifying, using gumbrine, reduces the dielectric loss

SOV/112-57-9-18631

Investigation of Causes of Higher Dielectric Losses in Commercial Transformer . . . .

characteristics is materially impaired. Addition of VTI-1 has practically no effect on the value of  $\text{tg}\delta$ . An oil quality check by sodium tests and  $\text{tg}\delta$  measurements is recommended; desirability of GOST standardization of such a check is ~~expressed~~.

V.V.K-D.

Card 2/2

DZHUVARLY, Ch.M.; VECHKHAYZER, G.V.; KLIMOVA, N.V.

Volt-second characteristics of impure and moist insulators. Trudy  
ENIN AN Azerb. SSR 13:5-17 '56. (MLBA 10:4)  
(Electric insulators and insulation)

*DZHUVARLY, CH. M.*

USSR/Chemical Technology - Chemical Products and Their I-8  
Application. Treatment of Natural Gases and Petroleum.  
Motor and Jet Fuels. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2539  
Author : Dzhuvarly, Ch.M., Klimova, N.V.  
Inst : Azerbaydzhan University  
Title : Study of the Breaking of Emulsions in Laboratory-Type  
Electric Dehydrators.  
Orig Pub : Uch. zap. Azerb. un-ta, 1957, No 2, 49-56  
Abstract : Results of a laboratory study of breaking up of emulsions  
of different petroleum containing varying amounts of water,  
in tank and tubular electro-dehydrators, at high voltage  
of industrial and high-frequency current and with pulse  
voltage. With the same duration of exposure to the volta-  
ge the de-emulsification process is improved with increa-  
sing

Card 1/2

USSR/Chemical Technology - Chemical Products and Their I-8  
Application. Treatment of Natural Gases and Petroleum.  
Motor and Jet Fuels. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2539

gradient of electrical field. With an exposure of 3 seconds a gradient of 60 kv/cm is required. Increase of the time during which the emulsion remains in the electric field, to 2 minutes, permits to lower the gradient to 45 kv/cm, and in the course thereof the water content of the emulsion is reduced from 25.6 to 2.4%. With pulse voltage and operation of a low capacitance generator a satisfactory breaking of the emulsion occurs at 180 impulses, and emulsions containing 30% water are broken up equally well in dehydrators with insulated electrodes and with electrodes immersed in the emulsion. On operation of a high power generator (gradient 32 kv/cm) 18 impulses are sufficient. It is recommended to use tubular dehydrators with immersed electrodes.

Card 2/2

8(3)

SOV/112-59-2-2820

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 2, p 79 (USSR)

AUTHOR: Dzhuvarly, Ch. M., and Dzhaferova, M. M.

TITLE: On the Problem of Voltage Distribution Over an Insulator String  
(K voprosu o raspredelenii napryazheniya po girlyande izolyatorov)

PERIODICAL: Izv. AN AzerbSSR. Ser. fiz.-tekhn. i khim. n., 1958, Nr 2,  
pp 80-95 (summary in Azerbaydzhyan)

ABSTRACT: A comparison of the methods for measuring voltage distribution over string insulators (a probe and small-diameter spheres) showed the advantages of the sphere method; it is impossible to allow for probe-to-ground capacitance. The voltage distribution as measured by the spheres is stepped in case of an insulator coated with conducting deposits or placed in a fog; this voltage distribution does not tally with that calculated for a chain of capacitors shunted by resistors. For a 14-unit string of P-4.5, the entire voltage is distributed between the 2nd and the 12th units while all remaining units have zero voltage.

Card 1/2

SOV/112-59-2-2820

On the Problem of Voltage Distribution Over an Insulator String

Corona causes a sharp nonuniformity of voltage distribution because of the increased capacitance of unit-insulator electrodes to ground.

V.A.Kh.

Card 2/2

DZHUVARLY, Ch.M.: MUKHARSKAYA, L.A.

Studying the effect of the composition of initial products and of  
the refining method on the stability of insulating oils. Azerb.neft.  
khoz. 37 no.12:36-40 D '58. (MIRA 12:3)  
(Insulating oils)



MUKHARSKAYA, L.A.; DZHUVARLY, Ch.M.

~~XXXXXXXXXXXXXXXXXXXX~~  
Studying the effect of  $H_2SO_4$  purification and the fractional  
composition of the raw material on the dielectric properties of  
oils. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk no.5:101-106  
'59. (MIRA 13:3)

(Insulating oils)

DZHUVARLY, Ch.M.; KLIMOVA, N.V.; MELIKOVA, T.A.

Electrical conductivity of an emulsion during its destruction.  
Izv. AN Azerb. SSR. Ser.fiz.-mat. i tekhn. nauk no.4:125-131 '60.  
(MIRA 14:3)

(Emulsions--Electric properties)

DZHUVARLY, Ch.M.; BARIROV, M.A.; VECHKHAYZER, G.V.

Experimental study of the electrothermal treatment of an oil-bearing  
layer. Neft. khoz. 38 no.12:34-39 D '60. (MIRA 14:4)  
(Oil fields—Production methods)

IBRAGIMOV, I.E.; DZHUVARLY, Ch.M.; GUSEYNOV, F.G., red.; DOLGOV, V., red.  
izd-va; POGOSOV, V., tekhn. red.

[Problems concerning voltage regulation in electric networks] Vop-  
rosy regulirovaniia napriazhaniia v elektricheskikh setiakh. Baku,  
Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 192 p.  
(MIRA 14:7)

(Electric power distribution)